

**PCW**

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Technical Data Sheet**LACTONE OF CIS-JASMONE**

Manufacture PCW

Reference : LACTONE OF CIS-JASMONE

1 - TECHNICAL DATA

<i>IUPAC Name :</i>	(Z)-5-Hex-3-enyldihydro-5-methylfuran-2(3H)-one
<i>I.N.C.I. :</i>	Hexenyl dihydromethyl furanone
<i>Chemical / REACH name :</i>	(Z)-5-Hex-3-enyldihydro-5-methylfuran-2(3H)-one
<i>Synonyms :</i>	2(3H)-Furanone
<i>Molecular formula :</i>	C11 H18 O2
<i>Molecular weight :</i>	182.26
<i>Origin raw material :</i>	100% Synthetic
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Use level max. recom. :</i>	1%
<i>Anti-oxydant(s) :</i>	0.1% a-Tocopherol
<i>Solubility in alcohol (°) :</i>	Yes
<i>Water solubility :</i>	No

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless to pale yellow
<i>Odour :</i>	Fruity, jasmine
<i>Relative density @ 25°C :</i>	[0.963 ; 0.970]
<i>Refractive index @ 20°C :</i>	[1.463 ; 1.468]
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	293.75
<i>Flash point (°C) (close cup) :</i>	136
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	[97.0 ; 100.0]
<i>cis Isomer % :</i>	[95.0 ; 99.9]
<i>trans Isomer % :</i>	[0.1 ; 5.0]
<i>Impurities >0.01% :</i>	-

LACTONE OF CIS-JASMONE

1.5 VLEP

VLEP short term mg/m³
(98/24/CE) : No data

VLEP (8h) mg/m³ (98/24/CE) : No data

2 - COSMETIC REGULAR DATA

CAS number : 70851-61-5

Statut kosher : Certified

Hallal status : Certified

Allergens SCCNFP List : See certificate

IFRA : No restrictions (49th Am.)

Nanoparticle : Not concerned

VOC Swiss - Annex 1 : Not listed

LVP-VOC / INORGANIC /
EXEMPTED VOC (CARB) : 100%

Reg. 1223/2009 & mod. : See certificate

CMR (Reg. 1223/2009/EEC) : See certificate

2.1 - REGULAR DATA FLAVOURS

Natural status (Reg.
1334/2008/EC) : Flavouring substance

Ionization : -

REG. 872/2012 CE Annex 1 : Listed

Foodgrade certificate : Complies with the requirements of Regulations 1334/2008/EC & 872/2012/EC

Genetically Modified Organisms
(GMO) : -

Bovine Spongiform
Encephalopathy (BSE) : -

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2932 20 60 00

Tunnel codes ADR : /

Precautions of use : Avoid any direct contact with the product.

Shelf life : 36 months, according to storage conditions

4.1 - STORAGE

Storage : Keep under Nitrogen, in fraiche temperature (max 18°C). Avoid prolonged exposure to light, humidity and air.

Transport :

Land Transport ADR/RID : NR Not regulated for transport

Maritime Transport IMDG : NR Not regulated for transport

Marine pollutant :

Air Transport IATA : NR Not regulated for transport

LACTONE OF CIS-JASMONE

LEGISLATION :

AICS (Australian Invent. Chem. Subs.) : Listed
COE (Council of Europe) : Not listed
ECL (Corée du Sud) n° : Not listed
ECSI (Taiwan) : Listed
EINECS (EU) : 274-942-8
ENCS (Japan) n° : Not listed
FEMA : 3937
FLAVIS : 10.061
TSCA (Toxic Substances Control Act - USA) : Listed
RIFM - ID N° : 59
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Listed
NEPA (China) : : CB4271125
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
JECFA n° : 1159
IECSC (China) : Listed
ISHL (Japan) : Not listed
C.A.S : 70851-61-5

Labeling :

H000 - Not classified according to the Regulation 1272/2008/EC